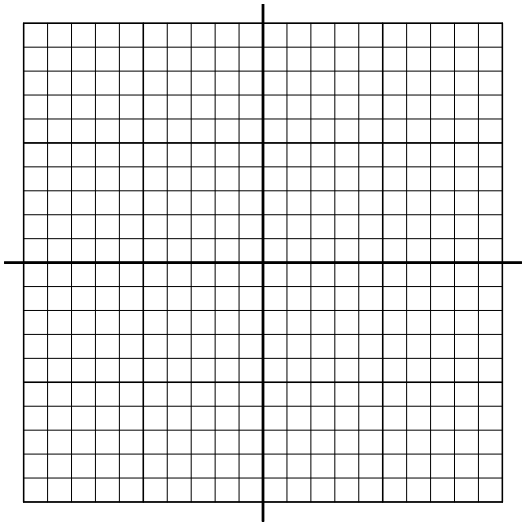
Name: Date:

PCW_09_29: Graph Parent Translations (version 7)

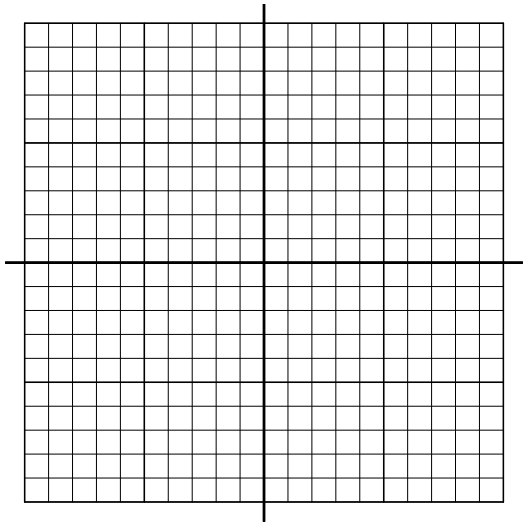
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10.

Clearly mark every solution where x and y are both integers with a small dot along the curve.

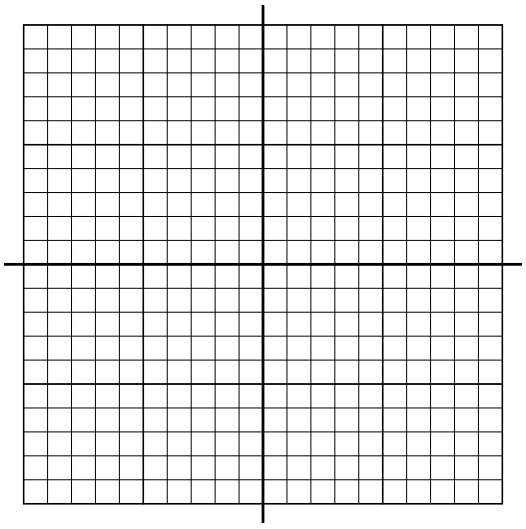
$y = (x+3)^2 + 4$



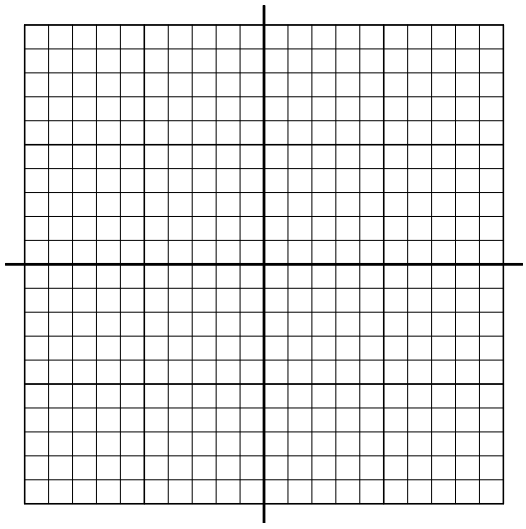
$y = (x+3)^3 - 2$



$y = \dfrac{1}{x+4} - 5$

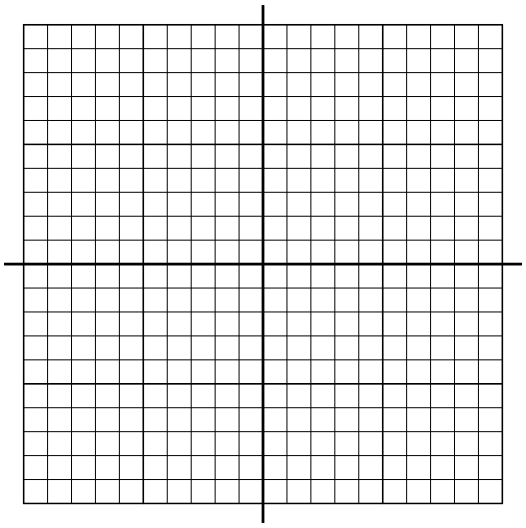


$y = \log_2(x+3) - 1$

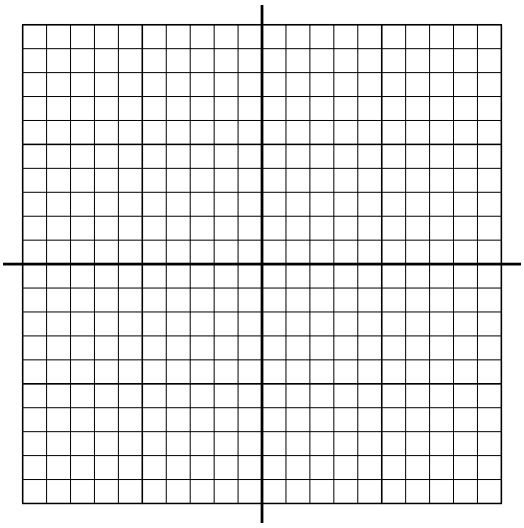


PCW_09_29: Graph Parent Translations (version 7)

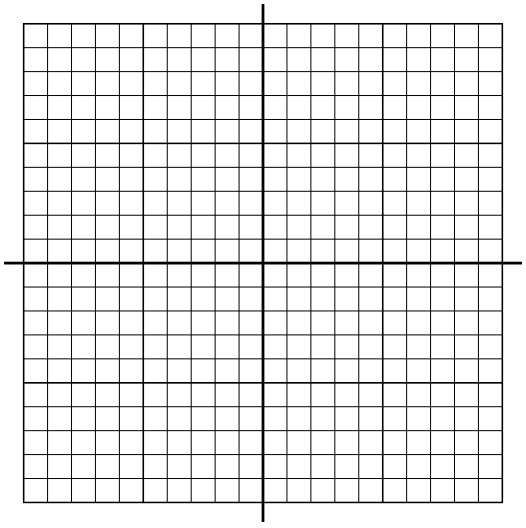
$y = 2^{x+2} + 3$



$y = \sqrt{x+3} - 4$



$y = \sqrt[3]{x+3} - 2$



$y = |x-3| + 1$